In the Claims:

Amend the claims as follows:

Claims 1-12. (Cancelled).

13. (Currently amended) Yarn cleaner for cleaning out defects from ~~a~~ yarn, in the measuring head of which at least one yarn parameter is measured, wherein for the yarn parameter, cleaning limits are determined, the exceeding of which signals the presence of a defect in the yarn, for which purpose the measured values of the yarn parameter are compared with the cleaning limits and wherein intolerable defects are cut out from the yarn, characterized in that the yarn cleaner is set up for cleaning effect yarn (1) with at least one cleaning limit, wherein the effect yarn (1) is formed from an alternating arrangement end to end of webs (14) and of effects (13) consisting of predetermined thickenings, and wherein the at least one cleaning limit comprises either (a) at least one cleaning limit for web regions defining a predetermined uppermost value of the yarn parameter measured in web regions of the effect yarn which is less than a predetermined acceptable value of the yarn parameter for effect regions, (b) at least one cleaning limit for effect regions defining a predetermined lowermost value of the yarn parameter measured in effect regions of the effect yarn which is greater than a predetermined acceptable value of the yarn parameter for web regions, or (c) both the at least one cleaning limit for web regions which defines the uppermost value of the yarn parameter measured in web regions of the effect yarn and the at least one cleaning limit for effect regions which defines the lowermost value of the yarn parameter measured in effect regions of the effect yarn ~~which is valid for values of the yarn parameter measured in web regions of the effect yarn (1), and additionally with at least one cleaning limit, which is valid for values of the yarn parameter measured in effect regions of the effect yarn (1), in that the at least one cleaning limit for web regions does not coincide with the predetermined value of the yarn parameter for web regions and in that the at least one cleaning~~

~~limit for effect regions does not coincide with the predetermined value of the yarn parameter for effect regions, and wherein the effect yarn (1) is formed from an alternating arrangement side by side of webs (14) and of effects (13) consisting of predetermined thickenings.~~

14. (Previously presented) Yarn cleaner according to claim 13, characterized in that the yarn cleaner (5) is set up to implement yarn cleaner functions, known per se, in such a way that at least one of the following defects is detectable:

short thick location, long thick location,

short thin location, long thin location, and

periodically recurring defects.

15. (Previously presented) Yarn cleaner according to claim 13, characterized in that the yarn cleaner (5) is set up in such a way that, alternatively, either only defects in the web regions are cleaned out or only defects in the effect regions are cleaned out.

16. (Previously presented) Yarn cleaner according to claim 13, characterized in that the yarn parameter is the diameter of the effect yarn (1), in that the cleaning limits of the yarn cleaner (5) are matched to at least one diameter value for the effect thickness and to at least one diameter value for the web thickness.

17. (Previously presented) Yarn cleaner according to claim 16, characterized in that the yarn cleaner (5) is set up in such a way that it determines, over a predetermined yarn length, the average diameter values of the webs (14) and the average diameter values of the effects (13), and in that the determination of the average diameter values takes place at least at the beginning of the measurement.

18. (Previously presented) Yarn cleaner according to claim 16, characterized in that the defect lengths are included in the determination of the cleaning limits.

19. (Currently amended) Yarn cleaner according to claim 16, characterized in that, to determine the average value of the web diameter D_{ST}, the yarn cleaner (5) ~~it~~ initially forms a reference diameter equal to an arithmetic average value of the yarn diameter from a predetermined length of effect yarn (1) ~~as the reference diameter~~, subtracts the reference diameter from the individual values of the yarn diameter and forms the average value of the web diameter D_{ST} as the arithmetic average value of all the negative differential values, which have been measured adjacent to other negative differential values.

20. (Previously presented) Yarn cleaner according to claim 16, characterized in that the yarn cleaner (5) is set up such that it determines the effect region in that the beginning of the effect (13) is defined by fulfilling a first criterion and in that the end of the effect is defined by fulfilling a second criterion, between the beginning and the end of the effect (13), a specifiable number of the largest diameters is determined, an arithmetic average value is formed from the diameters determined, which is specified as the diameter of the effect (13), and the region of the effect yarn (1) outside the effect (13) is defined as the web region.

21. (Previously presented) Yarn cleaner according to claim 20, characterized in that the diameter D_E of the effect (13) is formed as the average diameter value from the four largest diameters between the beginning and end of the effect (13).

22. (Previously presented) Yarn cleaner according to claim 20, characterized in that, considered as the first criterion is the exceeding of a limit diameter D_{GR}, which is greater by a defined amount than the average value of the web diameter D_{ST} and in that the exceeding lasts

over a predetermined yarn length L_{V1} and in that, considered as the second criterion is the falling below of the limit diameter D_{GR} and the fact that the falling below lasts over the predetermined yarn length L_{V2}.

Add the following new claims:

23. (New) Yarn cleaner for cleaning out defects from a yarn, in the measuring head of which at least one yarn parameter is measured, wherein for the yarn parameter, cleaning limits are determined, the exceeding of which signals the presence of a defect in the yarn, for which purpose the measured values of the yarn parameter are compared with the cleaning limits and wherein intolerable defects are cut out from the yarn, characterized in that the yarn cleaner is set up for cleaning effect yarn (1) with at least one cleaning limit, which is valid for values of the yarn parameter measured in web regions of the effect yarn (1), and additionally with at least one cleaning limit, which is valid for values of the yarn parameter measured in effect regions of the effect yarn (1), in that the at least one cleaning limit for web regions does not coincide with the predetermined value of the yarn parameter for web regions and in that the at least one cleaning limit for effect regions does not coincide with the predetermined value of the yarn parameter for effect regions, and wherein the effect yarn (1) is formed from an alternating arrangement side by side of webs (14) and of effects (13) consisting of predetermined thickenings, characterized further in that the yarn parameter is the diameter of the effect yarn (1), in that the cleaning limits of the yarn cleaner (5) are matched to at least one diameter value for the effect thickness and to at least one diameter value for the web thickness.

24. (New) Yarn cleaner according to claim 23, characterized in that the yarn cleaner (5) is set up in such a way that it determines, over a predetermined yarn length, the average diameter values of the webs (14) and the average diameter values of the effects (13), and in that the

determination of the average diameter values takes place at least at the beginning of the measurement.

25. (New) Yarn cleaner according to claim 23, characterized in that the defect lengths are included in the determination of the cleaning limits.

26. (New) Yarn cleaner according to claim 23, characterized in that, to determine the average value of the web diameter D_{ST}, the yarn cleaner (5) initially forms a reference diameter equal to an arithmetic average value of the yarn diameter from a predetermined length of effect yarn (1) ~~as the reference diameter~~, subtracts the reference diameter from the individual values of the yarn diameter and forms the average value of the web diameter D_{ST} as the arithmetic average value of all the negative differential values, which have been measured adjacent to other negative differential values.

27. (New) Yarn cleaner according to claim 23, characterized in that the yarn cleaner (5) is set up such that it determines the effect region in that the beginning of the effect (13) is defined by fulfilling a first criterion and in that the end of the effect is defined by fulfilling a second criterion, between the beginning and the end of the effect (13), a specifiable number of the largest diameters is determined, an arithmetic average value is formed from the diameters determined, which is specified as the diameter of the effect (13), and the region of the effect yarn (1) outside the effect (13) is defined as the web region.

28. (New) Yarn cleaner according to claim 27, characterized in that the diameter D_E of the effect (13) is formed as the average diameter value from the four largest diameters between the beginning and end of the effect (13).

29. (New) Yarn cleaner according to claim 27, characterized in that, considered as the first criterion is the exceeding of a limit diameter D_{GR}, which is greater by a defined amount than the average value of the web diameter D_{ST} and in that the exceeding lasts over a predetermined yarn length L_{V1} and in that, considered as the second criterion is the falling below of the limit diameter D_{GR} and the fact that the falling below lasts over the predetermined yarn length L_{V2}.